

? logon

\*\*\* It is now 2010/11/10 14:00:13 \*\*\*  
 (Dialog time 2010/11/10 14:00:13)

? b agrl, tmks

```
>>> 126 is unauthorized
>>> 127 is unauthorized
>>> 226 is unauthorized
>>> 227 is unauthorized
>>> 228 is unauthorized
>>> 246 is unauthorized
>>> 453 is unauthorized
>>> 655 is unauthorized
>>> 656 is unauthorized
>>> 657 is unauthorized
>>> 658 is unauthorized
>>> 659 is unauthorized
>>> 661 is unauthorized
>>> 662 is unauthorized
>>> 663 is unauthorized
>>> 669 is unauthorized
>>> 681 is unauthorized
>>> 671 is unauthorized
>>> 672 is unauthorized
>>> 673 is unauthorized
>>> 675 is unauthorized
>>> 676 is unauthorized
>>> 777 is unauthorized
>>> 678 is unauthorized
>>> 679 is unauthorized
>>> 680 is unauthorized
>>> 681 is unauthorized
>>> 682 is unauthorized
>>> 683 is unauthorized
>>> 685 is unauthorized
>>> 688 is unauthorized
>>> 697 is unauthorized
>>> 32 of the identified records not available
 10Nov10 14:00:21 User242943 Session D750.1
  $0.00 0.247 DialUnits File415
  $0.00 Estimated cost File415
  $0.05 INTERNET
  $0.05 Estimated cost this search
  $0.07 Estimated total session cost 0.247 DialUnits
```

SYSTEM:00 - DIALOG OneSearch  
 File 5:Biobios Previews(R) 1926-2010/Nov W1  
 (c) 2010 The Thomson Corp.  
 File 6:NTIS 1964-2010/Nov W2  
 (c) 2010 NTIS, Int'l Cpyrgh All Rights Res  
 File 10:AGRICOLA 79-2010/Oct  
 (c) format only 2010 Dialog  
 File 24:Chemical Sciences Abstracts 1966-2010/Oct  
 (c) 2010 CSA  
 File 28:Oceanic Abstracts 1966-2010/Oct  
 (c) 2010 CSA  
 File 29: Meteorology & Geostrophysical Abstracts 1966-2010/Oct  
 File 34:WebSearch(R) Cited Ref Sci 1990-2010/Oct W5  
 (c) 2010 The Thomson Corp  
 File 44:Aquatic Science & Fisheries Abstracts 1966-2010/Oct  
 (c) 2010 CSA  
 File 50:Chem Abstracts 1972-2010/Nov W2  
 (c) 2010 CAB International  
 File 64:Environmental Engineering Abstracts 1966-2010/Oct  
 (c) 2010 CSA  
 File 65:Inside Conferences 1993-2010/Nov 10  
 (c) 2010 CAB International All rights reserved.  
 File 98:General Sci. Abs 1973-2010/Oct  
 (c) 2010 The HM Wilson Co.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2010/Sep  
 (c) 2010 The HM Wilson Co.  
 File 117:Water Resources Abstracts 1966-2010/Oct  
 (c) 2010 CSA  
 File 144:Patent 1973-2010/Oct W5  
 (c) 2010 JNIST/CNRS  
 File 203:AGRIS 1974-2010/Sep  
 (c) 2010 NAL Int'l Cope. All rights reserved  
 File 224:ASBIS предметов 1982-2006/Q4  
 (c) 2006 Informa UK Ltd  
 \*File 235: Access to this file changed May 1, 2010. Please  
 see HELP NEWS 235 for information.  
 File 266:FEEDRIP 2010/Sep  
 (c) 2010 The Thomson Corp.  
 File 357:Derwent Biotech Res. 1982-2010/Oct W1  
 (c) 2010 Thomson Reuters  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 (c) 2006 The Thomson Corp

Set	Items	Description
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? s fungi and culture

## Processing

1668371 FUNGI  
 2932413 CULTURE  
 S1 190577 FUNGI AND CULTURE

## ? s molasses and sucrose and (corn (w) steep (w) liquor)

36768 MOLASSES  
 287814 SUCROSE  
 488912 CORN  
 85818 STEEP  
 43994 LIQUOR  
 4737 CORN (W) STEEP (W) LIQUOR  
 S2 118 MOLASSES AND SUCROSE AND (CORN (W) STEEP (W) LIQUOR)

## ? s1 and S2

190577 S1  
 118 S2  
 S3 15 S1 AND S2

## ? d s3

Dialog eLink:  Used Previous and Options

3/2/1 (Item 1 from file: 5)  
 DIALOG(R)File 5: Biosis Previews(R)  
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0021081251 Biosis No.: 200900422688

Use of a sequential strategy of experimental design to optimize the inulinase production in a batch bioreactor

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ISSN: 1367-5435

Document Type: Article

Record Type: Abstract

Language: English

Registry Numbers: 9025-67-6: inulinase; 57-50-1: sucrose

## DESCRIPTORS:

Major Concept: Foods; Bioprocess Engineering

Minor Concept: Names: Ascomycetes; Fungi; Plants

Organisms: Kluyveromyces marxianus (Ascomycetes)-strain-NRRL Y-7571

Common Taxonomic Terms: Fungi; Microorganisms; Nonvascular Plants; Plants

Chemicals & Biochemicals: molasses; yeast extract; corn steep liquor; inulinase--production; fructoligosaccharides; sucrose--transfructosylation; industrial medium; pre-treated culture medium

Methods & Equipment: batch bioreactor--field equipment

Miscellaneous Terms: Concept Codes: enzymatic activity; shelf-life; aeration rate; food industry; Plackett-Burman design; central composite rotational design

Concept Codes:

10068 Biochemistry studies - Carbohydrates

10802 Enzymes - General and comparative studies: coenzymes

13502 Food technology - General and methods

39008 Food microbiology - General and miscellaneous

Biosystematic Codes:

15100 Ascomycetes

## ? logoff

10nov10 14:01:33 User242963 Session D755.2  
 \$2.68 0.412 DialUnits File5  
 \$2.64 1 Type(s) in Format 2  
 \$2.64 1 Types  
 \$5.32 Estimated cost File5  
 \$0.36 Estimated cost DialUnits File6  
 \$0.36 Estimated cost DialUnits File7  
 \$0.23 0.078 DialUnits File10  
 \$0.23 Estimated cost File10  
 \$0.59 0.087 DialUnits File24  
 \$0.59 Estimated cost DialUnits File24  
 \$0.24 0.074 DialUnits File28  
 \$0.24 Estimated cost File28  
 \$0.11 0.027 DialUnits File29  
 \$0.11 Estimated cost File29  
 \$4.04 0.135 DialUnits File34  
 \$4.04 Estimated cost DialUnits File34  
 \$0.43 0.051 DialUnits File44  
 \$0.43 Estimated cost File44  
 \$0.92 0.183 DialUnits File50  
 \$0.92 Estimated cost DialUnits File50  
 \$0.20 Estimated cost File64  
 \$0.15 0.033 DialUnits File65  
 \$0.15 Estimated cost File65

```
$0.14 0.030 DialUnits File#98
$0.14 Estimated cost File#98
$0.14 0.027 DialUnits File#99
$0.14 Estimated cost File#99
$0.24 0.036 DialUnits File#117
$0.24 Estimated cost File#117
$1.07 0.198 DialUnits File#144
$1.07 Estimated cost File#144
$0.34 0.129 DialUnits File#203
$0.34 Estimated cost File#203
$0.89 0.214 DialUnits File#235
$0.89 Estimated cost File#235
$0.99 0.024 DialUnits File#66
$0.09 Estimated cost File#264
$3.29 0.114 DialUnits File#357
$3.25 Estimated cost File#357
$1.53 0.351 DialUnits File#434
$1.53 Estimated cost File#434
OneSearch#, 28 file, 1.792 DialUnits File#08
$0.54 INTERNET
$20.82 Estimated cost this search
$20.89 Estimated total session cost 1.999 DialUnits
```

Ended session: 2010/11/10 14:01:34

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